METHOD AND APPARATUS FOR CORRECTION OF A/D CONVERTED OUTPUT DATA

ABSTRACT OF THE DISCLOSURE

A method for correcting A/D converted output data which corrects digital data obtained by A/D conversion of an analog signal, comprising forming an at least first order polynomial curve approximating an input/output characteristic curve of A/D conversion in a range of input of the analog signal, setting an ideal input/output characteristic line of A/D conversion, deriving a conversion equation for converting coordinates of a point on the approximation polynomial curve to a point of the ideal input/output characteristic line for the same analog signal value, and using this conversion equation to convert A/D converted digital data so as to correct non-linearity of the output data.